

=====

MSDS Safety Information

=====

[TOP](#)

FSC: 8010

NIIN: 00-527-
3199

MSDS Date: 10/23/1997

MSDS Num: CKKTT

Submitter: G AW

Tech Review: 05/08/2000

Status CD: A

Product ID: N5219 RED A/D ENAMEL

MFN: 14

Article: N

Kit Part: N

Responsible Party

Cage: TO226

Name: NILES CHEMICAL PAINT

Address: 907 CARROLL STREET

City: PERRY

State: GA

Zip: 31069

Country: US

Info Phone Number: 616-683-3377

Emergency Phone Number: 219-236-5856

Radioactive Ind: N

Preparer's Name: MIKE LICHATOWICH

Proprietary Ind: N

Review Ind: Y

Published: Y

Special Project CD:

=====

Contractor Summary

=====

[TOP](#)

Cage: TO226

Name: NILES CHEMICAL PAINT

Address: 907 CARROLL STREET

City: PERRY

State: GA

Zip: 31069

Country: US

Phone: 616-683-3377

=====

Item Description Information

=====

[TOP](#)

Item Manager: GSA

Item Name: ENAMEL

Specification Number: TT-E-489J

Type/Grade/Class: NK

Unit of Issue: QT

Quantitative Expression:

UI Container Qty: B

Type of Container: NK

=====

Ingredients

=====

[TOP](#)

Cas:

Code: X

RTECS #: AA1005880 **Code:** M

Name: ALKYD RESIN SOLUTION

% Text: 52

Environmental Wt:

Other REC Limits: N/P

OSHA PEL: 100	Code: M	OSHA STEL: N/P	Code: M
ACGIH TLV: 150	Code: M	ACGIH STEL: 150	Code: M
EPA Rpt Qty:		DOT Rpt Qty:	

Ozone Depleting Chemical:

Cas: 123-86-4	Code: T	RTECS #: AF7350000	Code: T
Name: 1-BUTYL ACETATE			

% Text: 29

Environmental Wt:

Other REC Limits: N/P

OSHA PEL: 150	Code: M	OSHA STEL: N/P	Code:
ACGIH TLV: 150	Code: M	ACGIH STEL: 200	Code: M
EPA Rpt Qty: 5000 LBS		DOT Rpt Qty: 5000 LBS	

Ozone Depleting Chemical: N

Cas: 108-88-3	Code: T	RTECS #: XS5250000	Code: T
Name: TOLUENE (22 MM @ 20)			

% Text: 2

Environmental Wt:

Other REC Limits: N/P

OSHA PEL: 100	Code: M	OSHA STEL: N/P	Code:
ACGIH TLV: 100	Code: M	ACGIH STEL: 100	Code: M
EPA Rpt Qty: 1000 LBS		DOT Rpt Qty: 1000 LBS	

Ozone Depleting Chemical: N

Cas:	Code: X	RTECS #: AA1004730	Code: M
Name: ACRYLIC RESIN			

% Text: 2

Environmental Wt:

Other REC Limits: N/P

OSHA PEL: N/P	Code:	OSHA STEL: N/P	Code:
ACGIH TLV: N/P	Code:	ACGIH STEL: N/P	Code:
EPA Rpt Qty:		DOT Rpt Qty:	

Ozone Depleting Chemical:

Cas:	Code: X	RTECS #: OP1001769	Code: M
Name: ORGANOPHILIC CLAY			

% Text: <1

Environmental Wt:

Other REC Limits: N/P

OSHA PEL: N/P	Code:	OSHA STEL: N/P	Code:
ACGIH TLV: N/P	Code:	ACGIH STEL: N/P	Code:
EPA Rpt Qty:		DOT Rpt Qty:	

Ozone Depleting Chemical:

Cas: 7440-48-4	Code: T	RTECS #: GF8750000	Code: T
Name: COBALT COMPOUNDS (AS CO)C.I. 77320			

% Text: <1

Environmental Wt:

Other REC Limits: N/P

OSHA PEL: 0.1MG/M3	Code: M	OSHA STEL: N/P	Code:
ACGIH TLV: 2MG/M3	Code: M	ACGIH STEL: N/P	Code: T
EPA Rpt Qty:		DOT Rpt Qty:	

Ozone Depleting Chemical:

Cas: 7727-43-7	Code: T	RTECS #: CR0600000	Code: T
Name: BARIUM SULFATE			
= Wt: 4.		Code: M	

Environmental Wt:

Other REC Limits: N/P

OSHA PEL: N/P	Code: T	OSHA STEL: N/P	Code:
ACGIH TLV: N/P	Code: T	ACGIH STEL: N/P	Code: T
EPA Rpt Qty:		DOT Rpt Qty:	

Ozone Depleting Chemical: N

Cas:	Code: X	RTECS #: RE1009220	Code: M
Name: RED PIGMENT			
= Wt: 2.		Code: M	

Environmental Wt:

Other REC Limits: N/P

OSHA PEL: N/P	Code:	OSHA STEL: N/P	Code:
ACGIH TLV: N/P	Code:	ACGIH STEL: N/P	Code:
EPA Rpt Qty:		DOT Rpt Qty:	

Ozone Depleting Chemical:

Health Hazards Data

[TOP](#)

LD50 LC50 Mixture	N/P		
Route Of Entry Inds - Inhalation:	YES	Skin:	N/P
Carcinogenicity Inds - NTP:	N/P	IARC:	N/P
		Ingestion:	YES
		OSHA:	N/P

Health Hazards Acute And Chronic

EYES: SEVERE IRRITATION, LACRIMATION, REDNESS, BLURRED VISION. SKIN: REDNESS AND IRRITATION, DEFATTING OF THE SKIN LEADING TO DERMATITIS. BREATHING: NASAL AND RESPIRATORY IRRITATION, CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION) NAUSEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION. SWALLOWING: GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA.

Explanation Of Carcinogenicity

N/P

Signs And Symptoms Of Overexposure

DERMATITIS, BLOOD, INCOHERENCE, CORNEAL VACUOLIZATION, ANOREXIA, PROLONGED EXPOSURE TO SOLVENTS MAY CAUSE CHRONIC HEALTH EFFECTS, EUPHORIA, NERVOUSNESS, INSOMNIA, PARESTHESIA, PHOTOPHOBIA. TARGET ORGANS: LIVER, KIDNEYS , EYES, SKIN, RESPIRATORY SYSTEM, NUISANCE DUST, BLOOD, CNS, GI TRACT.

Medical Condition Aggravated By Exposure

N/P

First Aid

INHALATION: MOVE VICTIM TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. SKIN CONTACT: WASH WITH SOAP AND WATER. EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION IMMEDIATELY. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL. SWALLOWING: DRINK 1 OR 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

Spill Release Procedures

ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAPORS AND AVOID SKIN CONTACT. ABSORB WITH AN INERT MATERIAL SUCH AS CLAY, SOIL, OR A COMMERCIALLY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID AND ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL. *

Neutralizing Agent

N/P

Waste Disposal Methods

DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

Handling And Storage Precautions

AVOID STORAGE IN HIGH TEMPERATURE AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. AVOID ROUGH HANDLING.

Other Precautions

* FOR LARGE SPILLS: ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAPORS AND AVOID SKIN CONTACT. DIKE TO PREVENT FURTHER MOVEMENT AND RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR DISPOSAL. OTHER PRECAUTIONS: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY. **

Fire and Explosion Hazard Information

[TOP](#)

Flash Point Method: TCC

Flash Point: =22.2C, 72.F

Flash Point Text: 72F 22C TCC

Autoignition Temp:

Autoignition Temp Text: N/P

Lower Limits: 0.8

Upper Limits: 7.1

Extinguishing Media

DRY CHEMICAL, FOAM, CO2.

Fire Fighting Procedures

WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE AND FULL PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT , SPARKS , ELECTRICAL EQUIPMENT, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO ***

Control Measures

[TOP](#)

Respiratory Protection

WEAR AN APPROPRIATE (TYPE TC-23C-75) PROPERLY FITTED HALF-MASK OF FULL FACEPIECE RESPIRATOR (NIOGH/MSHA) DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR USE.

Ventilation

SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED

Protective Gloves

WEAR CHEMICAL RESISTANT (NITRILE OR VITON) GLOVES AND CLOTHING

Eye Protection

FACE SHEILD OR GOGGLES

Other Protective Equipment

EMPLOYEES SHOULD WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED. REMOVE ANY CLOTHING THAT BECOMES WET (TO AVOID FLAMMABILITY HAZARD) AND WASH BEFORE REUSE.

Work Hygienic Practices

WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM.

Supplemental Safety and Health

SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP THE AIR CONCENTRATION BELOW CURRENT APPLICABLE OSHA OR ACGIH'S LIMIT. REMOVE DECOMPOSITION PRODUCTS FORMED DURING WELDING OR FL AME CUTTING OF SURFACES COATED WITH THIS PRODUCT. FOR BAKING FINISHES--VENT VAPORS EMITTED ON HEATING.

Physical/Chemical Properties

[TOP](#)

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point: >100.C, 212.F	B.P. Text: 212-398 F (100-203)
Melt/Freeze Pt:	M.P/F.P Text: N/P
Decomp Temp:	Decomp Text: N/P
Vapor Pres: N/P	Vapor Density: N/P
Volatile Org Content %:	Spec Gravity: 1.061
VOC Pounds/Gallon: 2.99	PH: N/P
VOC Grams/Liter:	Viscosity: 70-75 KU
Evaporation Rate & Reference: SLOWER THAN ETHER	
Solubility in Water: YES	
Appearance and Odor: LIQUID, ODOR OF SOLVENTS	
Percent Volatiles by Volume: 40.81%	Corrosion Rate: MINIMAL

Reactivity Data

[TOP](#)

Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERATURES.

Materials To Avoid: STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS, STRONG ACIDS.

Hazardous Decomposition Products: CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid N/P

Polymerization:

Toxicological Information

[TOP](#)

Toxicological Information: DO NOT WELD OR FLAME CUT ON EMPTY DRUMS. SHOCK FROM DROPPING MAY SPLIT CONTAINER.

Ecological Information

[TOP](#)

Ecological: ***DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. GET MEDICAL ATTENTION.

MSDS Transport Information

[TOP](#)

Transport Information: DOT SHIPPING NAME (49CFR172.101-102) : PAINT;3;UN1263;II DOT HAZARD CLAAIFICATION (49CFR172.101-102): FLAMMABLE LIQUID DOT LABELS REQUIRED (49CFR172.101-102): FLAMMABLE EPA HAZARDOUS WASTE CODE: D0 01 (IGNITABLE) U.S. POSTAL REGULATIONS FORBID SENDING THIS PRODUCT THROUGH THE MAIL.

Regulatory Information

[TOP](#)

Sara Title III Information: OUR HAZARD EVALUATION HAS FOUND THIS PRODUCT TO BE HAZARDOUS. THE PRODUCT SHOULD BE REPORTED UNDER THE FOLLOWING EPA HAZARD CATEGORIES: IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) HEALTH HAZARD, FIRE HAZARD. FROM THE LIST OF TOXIC CHEMICALS, THIS PRODUCT CONTAINS: 1) COBALT COMPOUNDS,

Federal Regulatory Information: N/P

State Regulatory Information: OUR HAZARD EVALUATION HAS FOUND THIS PRODUCT TO BE HAZARDOUS. THE PRODUCT SHOULD BE REPORTED UNDER THE FOLLOWING EPA HAZARD CATEGORIES: IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) HEALTH HAZARD, FIRE HAZARD. FROM THE LIST OF TOXIC CHEMICALS, THIS PRODUCT CONTAINS: XYLENE, COBALT COMPOUNDS, TOLUENE.